



In re PATENT APPLICATION of:  
HIROSHI TAKATORI, ET AL.

Application No.: 10/003,330

Group Art Unit: 2637

Filed: October 31, 2001

Examiner: Sam K. Ahn

## For: TIMING RECOVERY WITH VARIABLE BANDWIDTH PHASE LOCKED LOOP AND NON-LINEAR CONTROL PATHS

**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

Transmitted herewith is an amendment for this application.

The fee for claims and extension of time (37 C.F.R. 1.16 and 1.17) has been calculated as shown below:

CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDIT. FEE
TOTAL	27	32	0	0.00
INDEP.	4	4	0	0.00
FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				0.00
TOTAL ADDITIONAL CLAIM FEE				0.00
GRAND TOTAL				120.00

### FEE PAYMENT

Authorization is hereby made to charge the amount of \$120.00 to Deposit Account No. 161805. Charge any additional fees required by this paper or credit any overpayment in the manner authorized above. A duplicate of this paper is attached.

Date: 10/18/05

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### CERTIFICATION UNDER 37 C.F.R. §§ 1.8 and/or 1.10\*

(When using Express Mail, the Express Mail label number is ~~mandatory~~; Express Mail certification is optional.)

I hereby certify that, on the date shown below, this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: October 18, 2005

Roger R. Wise  
Signature

ROGER R. WISE

(type or print name of person certifying)

\* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.